

Robotics Challenge: Maze Craze

Rules for the Robot

- A Robot shall be self-contained (no remote controls).
- A Robot shall not leave any part of its body behind while navigating the maze.
- A Robot shall not jump over, fly over, climb, scratch, cut, burn, mark, damage, or destroy the walls of the maze.
- A school can have more than one team competing in the contest.
- Pre-assembled robot kits are highly discouraged but can be used.
- The smallest gap in the maze will be no shorter than 9 inches

Rules for the Maze

- The maze will be composed of 2x4 pieces of wood.
- The start of the maze is located at one corners of the maze. The finish line will be located along one of the outer walls.
- There will be multiple paths for robots to take to reach the finish.
- The maze will be constructed by a third party and will not be seen by any of the teams until the competition.

Rules for the Contest

- Each robot will be given 3 trials to complete the maze. The shortest time will be the robots official score. Once a school has completed a trial, its next trial run will not start until every other school has completed that same trial.
- The run timer will start when front edge of the robot crosses the start line and stops when the front edge of the robot crosses the finish line.
- Penalties will be assessed if the robot is touched or handled by its operator during its trail.
- The judges also reserve the right to stop a run, declare disqualification, or give instructions as appropriate.